

17691 U.S. PTO  
06/20/03

By Express Mail #EV345987732US

Attorney Docket No.: 5328-12

Check box if applicable: ☐ DUPLICATE

## UTILITY PATENT APPLICATION TRANSMITTAL

*Submit an original and a duplicate for fee processing*

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dated: June 20, 2003

Mail Stop **Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

16235 U.S. PTO  
10/601713  
06/20/03

Sir:

Transmitted herewith for filing is the utility patent application of:

Inventor(s): Takeshi KOIZUMI, Yoko HAMANO, Satoshi YAMAMOTO

For: Process for Improving Efficiency of DNA Amplification Reaction

Enclosed are:

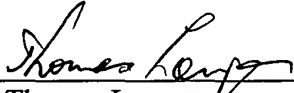
- Transmittal letter (2x) with Fee Computation Sheet
- General Authorization For Payment of Fees (2x)
- Specification, Claims 1 to 5 & Abstract (20 pages)
- Executed Declaration and Power of Attorney (3 pp.)
- Two (2) sheets of drawings (Figs. 1 to 4)
- Check for \$ 750.00 for filing fee
- Assignment of the invention to **Nichirei Corporation**
- Recordation Cover Sheet (PTO-1595)
- Check for \$40.00 for Assignment Recording Fee
- Preliminary Amendment
- Request for Publication of Assignment Information
- Return Receipt Postcard

By Express Mail #EV345987732US

This application is to be assigned to: **Nichirei Corporation**  
**19-20, Tsukiji 6-chome, Chuo-ku**  
**Tokyo, Japan**

- ☐ Please charge my Deposit Account No. 03-2412 in the amount of \$ . A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this application or credit any overpayment to Deposit Acct. No. 03-2412.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.
- ☐ Priority is claimed for this invention and application, corresponding applications having been filed in on , No. , on , No. , on , No. , on , No. , on , No. , on , No. , respectively.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

By:   
Thomas Langer  
Reg. No. 27,264

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Attorney Docket No.: **5328-12**

## **FILING FEE COMPUTATION SHEET**

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Dated: June 20, 2003

Mail Stop **Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**In re Application of: Takeshi KOIZUMI et al.**  
**For: Process for Improving Efficiency of DNA Amplification Reaction**

The filing fee has been calculated as shown below:

FOR:	Col. 1	Col. 2	SMALL ENTITY	OTHER THAN SMALL ENTITY
	# FILED	# EXTRA		
BASIC FEE			<b>\$375</b>	<b>\$750</b>
TOTAL CLAIMS	<u>7</u> - 20 =	<u>0</u>	x 9 = \$	x 18 = \$
INDEPENDENT CLAIMS	<u>2</u> - 3 =	<u>0</u>	x 42 = \$	x 84 = \$
<input type="checkbox"/> MULTIPLE DEPENDENCY			+\$140 = \$	+ 280 \$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2			TOTAL: \$	\$750

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Takeshi KOIZUMI et al.

Serial No.: n/a

Filed: concurrently

For: Process for Improving Efficiency  
of DNA Amplification Reaction

Check box if applicable:

☐ DUPLICATE

**GENERAL AUTHORIZATION FOR PAYMENT OF FEES  
AND PETITIONS FOR EXTENSIONS OF TIME**

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**Mail Stop Patent Application**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

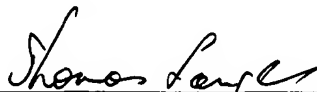
Sir:

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 03-2412

- ☒ Any filing fees required under 37 CFR §1.16.
- ☒ Any patent application processing fees under 37 CFR §1.17 not otherwise paid by check.
- ☒ The issue fee set in 37 CFR 1.18 at 3 months from mailing of the Notice of Allowance, pursuant to 37 CFR 1.311 (b) provided the fee has not already been paid by check.
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

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Dated: June 20, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase PCT Application of  
Takeshi KOIZUMI et al.  
International Appln. No.:  
International Filing Date:  
For: Process for Improving Efficiency of DNA  
Amplification Reaction

Mail Stop **PGPUB**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR PUBLICATION OF ASSIGNMENT INFORMATION**

S I R:

It is requested that the following assignment information be published as part of the 18 month publication of the present application:

**Nichirei Corporation**  
**19-20, Tsukiji 6-chome, Chuo-ku**  
**Tokyo, Japan**

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

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Dated: 20 June 2003

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